

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/073,906	FUKUI, TAKASHI	
	Examiner	Art Unit	
	Leslie J. Evanisko	2854	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the application filed 02/14/2002.
2.  The allowed claim(s) is/are 1-20.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

## **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

### **IN THE SPECIFICATION:**

On page 6, line 6, the reference character “θ” was deleted since that character does not appear to be illustrated in the drawings.

### **IN THE TITLE:**

Please note the title of the invention has been changed by the Examiner to the following to more accurately reflect the claimed invention:

--IMAGE FORMING APPARATUS INCLUDING ROTARY DRUM AND DETACHABLY MOUNTED CHUCK--

### **Reasons for Allowance**

2. The following is an examiner's statement of reasons for allowance:

With respect to claims 1 and 11 in particular, the prior art of record fails to teach or fairly suggest a fixing structure for detachably fixing a sheet member having all of the

structure as specifically recited, in combination with and particularly including, a rotor having an outer peripheral surface and an inner peripheral surface portion and including a plurality of through slots formed in the outer peripheral surface and communicating the outer peripheral surface with the inner peripheral surface portion and a chuck detachably mountable to the rotor including a support with a clamp plate disposed on one end of the support and a base section disposed on the other end of the support, *wherein when the chuck is mounted on the rotor, the base section is inserted and passed through one associated through-slot and then hooked over the inner peripheral surface portion* (emphasis added).

Note the closest prior art found by the Examiner is Kawada et al. (US 6,164,204), which includes a chuck detachably mountable to a hollow cylindrical body (i.e., rotor) that includes an outer peripheral surface and an inner peripheral surface portion as shown, for example, in Figures 3 and 7(a) -7(b) in particular. However, note that Kawada et al. fails to teach or suggest a plurality of through slots formed in the outer peripheral surface and communicating the outer peripheral surface with the inner peripheral surface portion. Note the device of Kawada instead includes a plurality of T-shaped grooves that extend from the outer surface inward, but do not extend through the entire cylinder body through to the inner peripheral surface portion such that the base section of the chuck is hooked over the inner peripheral surface portion when the chuck is mounted on the rotor. Therefore, Kawada et al. fail to teach or fairly suggest the fixing device as specifically recited.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Leslie J. Evanisko** whose telephone number is **(571) 272-2161**. The examiner can normally be reached on M-Th 7:30 am-6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Leslie Evanisko*  
Leslie J. Evanisko  
Primary Examiner  
Art Unit 2854

lje  
March 10, 2006